

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2005/000254

A. CLASSIFICATION OF SUBJECT MATTER Int. Cl. ⁷ : F16B 31/04, 39/00; B25B 29/02; F16L 23/036 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched AU: IPC F16B 31/04, 39/00; B25B 29/02; F16L 23/036 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI: IPC F16B, F16L 23/-, B25B 29/- with keywords such as bolt, hydraulic, tension, chamber, set and similar terms.		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	WO 2004/070216 A (IMAI et al) 19 August 2004	
A	WO 1993/005306 A (PILGRIM MOORSIDE LTD) 18 March 1993	
A	GB 2274893 A (HYDRA-TIGHT LTD) 10 August 1994	
A	EP 695883 A (KOTOBUKI SANGYO KABUSHIKI KAISHA) 7 February 1996	
<input type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 4 May 2005		Date of mailing of the international search report 11 MAY 2005
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer JEFFREY CARL Telephone No : (02) 6283 2543

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
WO	2004/070216	AU	2003231379		
WO	1993/005306	EP	602030	US	5468106
GB	2274893	EP	609924	JP	06-264909
				US	5527015
EP	695883	JP	08-039452		
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
END OF ANNEX					